

L Number	Hits	Search Text	DB	Time stamp
3	100	optic\$ near fiber near pressure near sensor and (plastic or polymer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/08 09:19
5	95	optic\$5 near fiber\$5 near pressure\$5 near sensor\$5 and (plastic or polymer)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/08 09:38
6	28	385/12,13.ccls. and grating and (plastic or polymer) and (cylinder or mandrel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/08 10:01
25	59	("4376390"   "4403144"   "4419895"   "4429573"   "4525818"   "4534222"   "4567771"   "4595830"   "4635482"   "4671113"   "4724316"   "4725110"   "4739661"   "4743116"   "4755051"   "4761073"   "4800267"   "4806012"   "4829821"   "4860586"   "4876447"   "4893930"   "4900918"   "4900919"   "4930862"   "4932263"   "4950883"   "4996419"   "5061069"   "5099690"   "5134882"   "5155548"   "5218197"   "5276322"   "5308973"   "5317576"   "5317929"   "5339696"   "5361130"   "5363342"   "5369485"   "5394488"   "5399854"   "5401956"   "5420688"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5633748"   "5633960"   "5845033").PN.	USPAT	2003/04/08 09:42
26	1	6191414.pn.	USPAT	2003/04/08 09:53
27	55	("4376390"   "4403144"   "4419895"   "4429573"   "4534222"   "4567771"   "4595830"   "4635482"   "4671113"   "4725110"   "4739661"   "4743116"   "4755051"   "4761073"   "4800267"   "4806012"   "4829821"   "4860586"   "4876447"   "4893930"   "4900918"   "4900919"   "4930862"   "4932263"   "4950883"   "4996419"   "4996884"   "5061069"   "5099690"   "5134882"   "5155548"   "5218197"   "5276322"   "5308973"   "5317929"   "5339696"   "5361130"   "5363342"   "5369485"   "5399854"   "5401956"   "5420688"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5633960"   "5845033").PN.	USPAT USPAT	2003/04/08 09:46
28	3	6191414.URPN.	USPAT	2003/04/08 09:47
29	1	5007705.pn.	USPAT	2003/04/08 09:53
30	93	5007705.URPN.	USPAT	2003/04/08 09:54
31	10	385/10,12,13,37.ccls. and grating and (plastic or polymer) with (cylinder or mandrel)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/04/08 10:04
98	253	pressure\$5 with sensor\$5 and fiber\$5 and micrometer	USPAT	2003/04/08 10:41
99	18	pressure\$5 with sensor\$5 and fiber\$5 and micrometer with pressure\$5	USPAT	2003/04/08 10:45
100	24	pressure\$5 with sensor\$5 and fiber\$5 and micrometer with screw\$5	USPAT	2003/04/08 10:49
101	14684	tunable filter with grating and micrometer with screw	USPAT	2003/04/08 10:51
102	0	tunable near2 filter with grating and micrometer with screw	USPAT	2003/04/08 10:55

103	5	multiplexer and grating and micrometer with screw	USPAT	2003/04/08 11:14
104	1	5745436.pn.	USPAT	2003/04/08 11:15
107	1	6278811.pn.	USPAT	2003/04/08 11:56
108	448	359/130.ccls.	USPAT	2003/04/08 11:56
109	61	359/130.ccls. and (pressure\$2 or load or force)	USPAT	2003/04/08 11:58
110	35	359/130.ccls. and (pressure\$2 or load or force) and Bragg	USPAT	2003/04/08 12:29
111	2	((("6278811") or ("5745436"))).PN.	USPAT	2003/04/08 12:29
-	1340	385/37.ccls.	USPAT	2003/04/07 14:55
-	233	385/37.ccls. and (pressure or load)	USPAT	2003/04/05 12:41
-	317	385/37.ccls. and (pressure or load or force)	USPAT	2003/04/05 15:20
-	190	tunable with (filter or grating or bragg or fbg) and cylinder	USPAT	2003/04/05 12:49
-	98	tunable with (filter or grating or bragg or fbg) and cylinder and fiber	USPAT	2003/04/05 12:49
-	316	tunable with (filter or grating or bragg or fbg) and cylind\$5 and fiber	USPAT	2003/04/05 12:50
-	5	tunable with (filter or grating or bragg or fbg) with cylind\$5 and fiber	USPAT	2003/04/05 12:52
-	112	(tunable with filter) and ((fiber or bragg) with grating) or fbg) and cylind\$5 and fiber	USPAT	2003/04/05 12:53
-	4	6233374.URPN.	USPAT	2003/04/05 13:13
-	59	("4376390"   "4403144"   "4419895"   "4429573"   "4525818"   "4534222"   "4567771"   "4595830"   "4635482"   "4671113"   "4724316"   "4725110"   "4739661"   "4743116"   "4755051"   "4761073"   "4800267"   "4806012"   "4829821"   "4860586"   "4876447"   "4893930"   "4900918"   "4900919"   "4930862"   "4932263"   "4950883"   "4996419"   "5061069"   "5099690"   "5134882"   "5155548"   "5218197"   "5276322"   "5308973"   "5317576"   "5317929"   "5339696"   "5361130"   "5363342"   "5369485"   "5394488"   "5399854"   "5401956"   "5420688"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5633748"   "5633960"   "5845033").PN.	USPAT	2003/04/05 13:26
-	21	"6134003"	USPAT	2003/04/05 15:20
-	1	6134003.pn.	USPAT	2003/04/05 15:42
-	1	6061483.pn.	USPAT	2003/04/05 16:11
-	102	(mandrel or spool or bobbin or cylind\$5) with fiber\$5 with grating	USPAT	2003/04/05 16:46
-	1	5887272.pn.	USPAT	2003/04/05 16:16
-	93	5007705.URPN.	USPAT	2003/04/05 16:34
-	1	4002377.pn.	USPAT	2003/04/05 16:47
-	1	4002377.pn.	USPAT	2003/04/05 17:06
-	7	("4268116"   "4701009"   "4725110"   "4737007"   "4781428"   "4795226"   "4874216").PN.	USPAT	2003/04/05 16:48
-	253	385/12,13.ccls. and grating	USPAT	2003/04/05 17:07
-	230	385/12,13.ccls. and (mandrel or spool or bobbin or cylind\$5) with fiber	USPAT	2003/04/05 17:09
-	172	385/12,13.ccls. and (mandrel or spool or bobbin or cylind\$5) with fiber and (load or force or pressure)	USPAT	2003/04/05 17:11
-	2210	(mandrel or spool or bobbin or cylind\$5) with fiber with (load or force or pressure)	USPAT	2003/04/05 17:13
-	634	(mandrel or spool or bobbin or cylind\$5) with fiber with (load or force or pressure) and optic\$5	USPAT	2003/04/05 17:41

-	40	(mandrel or spool or bobbin or cylind\$5) with fiber with (load or force or pressure) and optic\$5 and 385/12,13.ccls.	USPAT	2003/04/05 17:16
-	40	(mandrel or spool or bobbin or cylind\$5) with fiber with (load or force or pressure) and 385/12,13.ccls.	USPAT	2003/04/05 17:16
-	4	("5696857"   "5852507"   "5866898"   "6097486").PN.	USPAT	2003/04/05 17:19
-	22	("4151747"   "4162397"   "4201446"   "4295738"   "4295739"   "4298794"   "4375164"   "4427263"   "4493995"   "4523092"   "4714342"   "4724316"   "4743113"   "4886333"   "4929050"   "4940033"   "4979798"   "5061847"   "5090818"   "5102232"   "5106202"   "5111525").PN.	USPAT	2003/04/05 17:33
-	9	(mandrel or spool or bobbin or cylind\$5) with fiber with (load or force or pressure) with (grating or fbg)	USPAT	2003/04/05 17:41
-	55	("4376390"   "4403144"   "4419895"   "4429573"   "4534222"   "4567771"   "4595830"   "4635482"   "4671113"   "4725110"   "4739661"   "4743116"   "4755051"   "4761073"   "4800267"   "4806012"   "4829821"   "4860586"   "4876447"   "4893930"   "4900918"   "4900919"   "4930862"   "4932263"   "4950883"   "4996419"   "4996884"   "5061069"   "5099690"   "5134882"   "5155548"   "5218197"   "5276322"   "5308973"   "5317929"   "5339696"   "5361130"   "5363342"   "5369485"   "5399854"   "5401956"   "5420688"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5633960"   "5845033").PN.	USPAT	2003/04/05 17:43
-	55	("4376390"   "4403144"   "4419895"   "4429573"   "4534222"   "4567771"   "4595830"   "4635482"   "4671113"   "4725110"   "4739661"   "4743116"   "4755051"   "4761073"   "4800267"   "4806012"   "4829821"   "4860586"   "4876447"   "4893930"   "4900918"   "4900919"   "4930862"   "4932263"   "4950883"   "4996419"   "4996884"   "5061069"   "5099690"   "5134882"   "5155548"   "5218197"   "5276322"   "5308973"   "5317929"   "5339696"   "5361130"   "5363342"   "5369485"   "5399854"   "5401956"   "5420688"   "5426297"   "5444803"   "5451772"   "5452087"   "5493113"   "5493390"   "5495892"   "5507341"   "5513913"   "5529346"   "5564504"   "5633960"   "5845033").PN.	USPAT	2003/04/05 17:45
-	1	6278811.pn.	USPAT	2003/04/07 15:53
-	80	pressure\$5 with sensor\$5 and fiber\$5 and microsphere\$5	USPAT	2003/04/08 10:39
-	4	pressure\$5 with sensor\$5 and fiber\$5 and microsphere\$5 and grating	USPAT	2003/04/08 09:12